

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1434	((123/73ad) or (123/336) or (123/337) or (123/398) or (123/400) or (123/442)).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/06/25 10:50
L2	11	("RE27324").URPN.	USPAT	OR	OFF	2007/06/25 13:09
L3	0	("2007/0068488").URPN.	USPAT	OR	OFF	2007/06/25 13:15
L4	15	("20030011081" "3439658" "4075985" "4075985" "4530805" "4558676" "4700671" "4895184" "5495836" "5671713" "5907971" "6216650" "6216650" "6234144" "6347787" "6415750" "6418891").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/25 15:23
L5	1	("2003/0011081").URPN.	USPAT	OR	OFF	2007/06/25 13:19
L6	25	("2325010"   "3174469"   "3439658"   "4060062"   "4073278"   "4094931"   "4182295"   "4200083"   "4256063"   "4294205"   "4333429"   "4796579"   "5036816"   "5200118"   "6000683").PN. OR ("6347787").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:19
L7	0	("2006/0137653").URPN.	USPAT	OR	OFF	2007/06/25 13:23
L8	23	("20020088431"   "20040035394"   "3596642"   "3669084"   "3685501"   "3960130"   "4056082"   "4108120"   "4517942"   "4524740"   "4620575"   "4643148"   "4727837"   "4773371"   "4938304"   "5040508"   "5163401"   "6014954"   "6039024"   "6439547"   "6523525"   "6666187"   "6729298").PN. OR ("7165532").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:24

## EAST Search History

L9	53	("20020043227"   "20030011081"   "20030213464"   "20050155573"   "2325010"   "2941788"   "3174469"   "3439658"   "3759232"   "3967600"   "4060062"   "4073278"   "4075985"   "4094931"   "4182295"   "4200083"   "4256063"   "4294205"   "4333429"   "4414162"   "4445474"   "4452218"   "4796579"   "4995370"   "5036816"   "5088468"   "5165298"   "5200118"   "5611312"   "6000683"   "6112708"   "6135072"   "6202989"   "6216650"   "6257179"   "6298811"   "6328288"   "6347787"   "6349925"   "6354251"   "6418891"   "6439547"   "6450135"   "6591794"   "6708958"   "6749180"   "6769396"   "6843469"   "6896245").PN. OR ("7104253").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:26
L10	6	("2002/0043227").URPN.	USPAT	OR	OFF	2007/06/25 13:27
L11	8	("4075985"   "5699768"   "5964203"   "6536409"   "6561861"   "6575875"   "6698397"   "6761145").PN. OR ("7017552").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:29
L12	9	("4254745"   "4294205"   "4452218"   "4484551"   "4567860"   "5299548"   "6328288").PN. OR ("6769396").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:31
L13	11	("4785691"   "4919097"   "5016589"   "5178112"   "5964203"   "6463826"   "6626243"   "6698397"   "RE34138").PN. OR ("6761145").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:32
L14	36	("2174062"   "2339867"   "2724376"   "3807709"   "4011844"   "4181107"   "4192834"   "4196156"   "4391249"   "4462357"   "4662333"   "4768486"   "4773362"   "4892076"   "5157956"   "5220828"   "5408969"   "5419293"   "5429087"   "5520146"   "5575255"   "5611312"   "5915355"   "6000683"   "6167863"   "6202989"   "6422201"   "6454245").PN. OR ("6581567").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:32
L15	7	("2548334"   "4031872"   "4123480").PN. OR ("5915355").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:34

## EAST Search History

L16	16	("1600008"   "2547902"   "2722207"   "3572656"   "3938430"   "4037571"   "5036816").PN. OR ("5845677").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:35
L17	42	("1988754"   "3554170"   "3621821"   "3759232"   "3977367"   "4111177"   "4207856"   "4484551"   "4550701"   "4616621"   "4686941"   "4699113"   "4790270"   "4852525"   "4932371"   "4974565"   "5249557"   "5257607"   "5394846").PN. OR ("5553579").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:35
L18	7	("5161507"   "5172688"   "5191866"   "5263449"   "5297522"   "5339783").PN. OR ("5546904").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:36
L19	20	("3741178"   "3830206"   "3982507"   "4232640"   "4347816"   "4378761"   "4384559"   "4445474"   "4491106"   "4517941"   "4796579"   "4972815"   "5101784").PN. OR ("5394846").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:36
L20	55	("0968200"   "20040130039"   "2317772"   "2981279"   "3439658"   "3882831"   "3982507"   "4060062"   "4067302"   "4075985"   "4094931"   "4176631"   "4216747"   "4248183"   "4248185"   "4256063"   "4294205"   "4333429"   "4414939"   "4481910"   "4861522"   "4903655"   "4936267"   "4944272"   "4969425"   "4995349"   "5200118"   "5283013"   "5379732"   "5681508"   "5743240"   "6000683"   "6085703"   "6112708"   "6123322"   "6152093"   "6202989"   "6216650"   "6240886"   "6257181"   "6267088"   "6289856"   "6298811"   "6328288"   "6334606"   "6347787"   "6349925"   "6352058"   "6354251"   "6708958"   "6877723").PN. OR ("6957633").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:37

## EAST Search History

L21	20	("0011081"   "20020043227"   "4060062"   "4075985"   "6112708"   "6135072"   "6216650"   "6257179"   "6298811"   "6328288"   "6347787"   "6349925"   "6354251"   "6418891"   "6450135"   "6591794"   "6708958"   "6749180").PN. OR ("6928996"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:38
L22	59	("0968200"   "2317772"   "2981279"   "3439658"   "3882831"   "3982507"   "4060062"   "4067302"   "4075985"   "4094931"   "4176631"   "4216747"   "4248183"   "4248185"   "4256063"   "4294205"   "4333429"   "4414939"   "4481910"   "4861522"   "4903655"   "4936267"   "4944272"   "4969425"   "4995349"   "5200118"   "5283013"   "5379732"   "5681508"   "5743240"   "6000683"   "6085703"   "6112708"   "6123322"   "6152093"   "6202989"   "6216650"   "6240886"   "6257181"   "6267088"   "6289856"   "6298811"   "6328288"   "6334606"   "6347787"   "6349925"   "6352058"   "6354251").PN. OR ("6708958"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:38
L23	46	("1722951"   "2317772"   "2325010"   "2481901"   "2981279"   "3174469"   "3439658"   "4060062"   "4073278"   "4075985"   "4094931"   "4182295"   "4200083"   "4256063"   "4294205"   "4333429"   "4796579"   "4861522"   "4903655"   "4936267"   "4944272"   "5036816"   "5200118"   "5283013"   "5379732"   "5681508"   "5743240"   "6000683"   "6123322"   "6135072"   "6328288"   "6347787"   "6354251").PN. OR ("6591794"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:39
L24	30	("2160411"   "4123480"   "4167929"   "4176648"   "4230084"   "4368704"   "5069180"   "5200118"   "5500159"   "5611312").PN. OR ("6000683"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:41

## EAST Search History

L25	23	("1440245"   "3342465"   "4439377"   "4490309").PN. OR ("5200118").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:43
L26	27	("20010013664"   "2160411"   "3807709"   "3862278"   "3907945"   "4123480"   "4167929"   "4176648"   "4230084"   "4368704"   "4439377"   "5069180"   "5200118"   "5500159"   "5611312"   "5891369"   "6000683"   "6202989").PN. OR ("6439547").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:45
L27	26	("2981279"   "4861522"   "4903655"   "4936267"   "4944272"   "5283013"   "5681508"   "5743240"   "6123322").PN. OR ("6328288").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:47
L28	28	("2160411"   "4123480"   "4167929"   "4176648"   "4230084"   "4368704"   "5069180"   "5200118"   "5500159"   "5611312"   "5891369"   "6000683").PN. OR ("6202989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:50
L29	9	("20010013664"   "2340736"   "4141940"   "4307042"   "4323521"   "6202989"   "6454245"   "6896245").PN. OR ("7104527").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 13:53
L30	55	("0968200"   "20040130039"   "2317772"   "2981279"   "3439658"   "3882831"   "3982507"   "4060062"   "4067302"   "4075985"   "4094931"   "4176631"   "4216747"   "4248183"   "4248185"   "4256063"   "4294205"   "4333429"   "4414939"   "4481910"   "4861522"   "4903655"   "4936267"   "4944272"   "4969425"   "4995349"   "5200118"   "5283013"   "5379732"   "5681508"   "5743240"   "6000683"   "6085703"   "6112708"   "6123322"   "6152093"   "6202989"   "6216650"   "6240886"   "6257181"   "6267088"   "6289856"   "6298811"   "6328288"   "6334606"   "6347787"   "6349925"   "6352058"   "6354251"   "6708958"   "6877723").PN. OR ("6957633").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:15

## EAST Search History

L31	20	("0011081"   "20020043227"   "4060062"   "4075985"   "6112708"   "6135072"   "6216650"   "6257179"   "6298811"   "6328288"   "6347787"   "6349925"   "6354251"   "6418891"   "6450135"   "6591794"   "6708958"   "6749180").PN. OR ("6928996"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:17
L32	59	("0968200"   "2317772"   "2981279"   "3439658"   "3882831"   "3982507"   "4060062"   "4067302"   "4075985"   "4094931"   "4176631"   "4216747"   "4248183"   "4248185"   "4256063"   "4294205"   "4333429"   "4414939"   "4481910"   "4861522"   "4903655"   "4936267"   "4944272"   "4969425"   "4995349"   "5200118"   "5283013"   "5379732"   "5681508"   "5743240"   "6000683"   "6085703"   "6112708"   "6123322"   "6152093"   "6202989"   "6216650"   "6240886"   "6257181"   "6267088"   "6289856"   "6298811"   "6328288"   "6334606"   "6347787"   "6349925"   "6352058"   "6354251").PN. OR ("6708958"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:17
L33	46	("1722951"   "2317772"   "2325010"   "2481901"   "2981279"   "3174469"   "3439658"   "4060062"   "4073278"   "4075985"   "4094931"   "4182295"   "4200083"   "4256063"   "4294205"   "4333429"   "4796579"   "4861522"   "4903655"   "4936267"   "4944272"   "5036816"   "5200118"   "5283013"   "5379732"   "5681508"   "5743240"   "6000683"   "6123322"   "6135072"   "6328288"   "6347787"   "6354251").PN. OR ("6591794"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:19
L34	30	("2160411"   "4123480"   "4167929"   "4176648"   "4230084"   "4368704"   "5069180"   "5200118"   "5500159"   "5611312").PN. OR ("6000683"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:20

## EAST Search History

L35	23	("1440245"   "3342465"   "4439377"   "4490309").PN. OR ("5200118").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:23
L36	27	("20010013664"   "2160411"   "3807709"   "3862278"   "3907945"   "4123480"   "4167929"   "4176648"   "4230084"   "4368704"   "4439377"   "5069180"   "5200118"   "5500159"   "5611312"   "5891369"   "6000683"   "6202989").PN. OR ("6439547").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:24
L37	26	("2981279"   "4861522"   "4903655"   "4936267"   "4944272"   "5283013"   "5681508"   "5743240"   "6123322").PN. OR ("6328288").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:24
L38	28	("2160411"   "4123480"   "4167929"   "4176648"   "4230084"   "4368704"   "5069180"   "5200118"   "5500159"   "5611312"   "5891369"   "6000683").PN. OR ("6202989").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:26
L39	3	("5762044"   "6125820").PN. OR ("6561861").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:27
L40	11	("3699943"   "4094281"   "4287789"   "4796579"   "4856477"   "4928647"   "4947815").PN. OR ("5964203").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:27
L41	12	("20040250804"   "3298334"   "3561412"   "4137875"   "4148285"   "4355623"   "5046475"   "5269283"   "5307771"   "6769396"   "6928996").PN. OR ("7100588").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:28
L42	22	("1957289"   "2030331"   "2158572"   "2762354"   "3237527"   "3484084"   "3831567"   "4406066"   "4439377"   "4672929").PN. OR ("4773362").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:29

## EAST Search History

L43	38	("20020121710"   "20030052422"   "20040065965"   "2160411"   "2836404"   "2885194"   "2982275"   "3272486"   "3625492"   "3740040"   "3807709"   "3862278"   "3886917"   "4113808"   "4123480"   "4132751"   "4137283"   "4176648"   "4192834"   "4200595"   "4307042"   "4391249"   "4439377"   "4983330"   "5069180"   "5200118"   "5500159"   "5611312"   "6000683"   "6202989"   "6439547"   "6641118"   "6990969").PN. OR ("7144000").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:29
L44	22	("2836404"   "2982275"   "3575385"   "3823700"   "3886917"   "4123480"   "4137283"   "4192834"   "5500159"   "5611312"   "5891369"   "6000683"   "6202989"   "6439547"   "6454245"   "6494439"   "6550749"   "6561496").PN. OR ("6641118").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:30
L45	3	("5081972"   "6328288"   "6497204").PN. OR ("7146941").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:31
L46	40	("0968200"   "0980134"   "1113456"   "1121584"   "2317772"   "2377852"   "2642089"   "4067302"   "4075985"   "4083342"   "4176631"   "4248185"   "4253433"   "4306522"   "4340016"   "4481910"   "4969425"   "4987864"   "5379732"   "5417894"   "5425346"   "5645026"   "5857450"   "6016776"   "6085703"   "6112708"   "6216650"   "6240886"   "6289856"   "6328288"   "6334606").PN. OR ("6877723").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:31
L47	9	("20010013664"   "2340736"   "4141940"   "4307042"   "4323521"   "6202989"   "6454245"   "6896245").PN. OR ("7104527").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:32
L48	13	("2317772"   "4075985"   "6135072").PN. OR ("6354251").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:33
L49	2	("6354251"   "6591794").PN. OR ("7017535").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 14:33



## EAST Search History

L50	9	("20010013664"   "2340736"   "4141940"   "4307042"   "4323521"   "6202989"   "6454245"   "6896245").PN. OR ("7104527").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 15:48
L51	33	("2325010"   "2941788"   "3174469"   "3439658"   "3967600"   "4060062"   "4073278"   "4094931"   "4182295"   "4200083"   "4256063"   "4294205"   "4333429"   "4414162"   "4445474"   "4452218"   "4796579"   "4995370"   "5036816"   "5088468"   "5200118"   "5611312"   "6000683"   "6202989"   "6328288"   "6439547"   "6708958").PN. OR ("6896245").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 16:04
L52	34	("3897524"   "3934851"   "4163432"   "4246115"   "4768483"   "4809656"   "4809659"   "4827884"   "4846225"   "4850319").PN. OR ("5036816").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 16:13
L53	17	("3272483"   "3284060"   "3794004"   "3841281"   "4016852"   "4198356"   "4200595").PN. OR ("4414162").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/06/25 16:16